

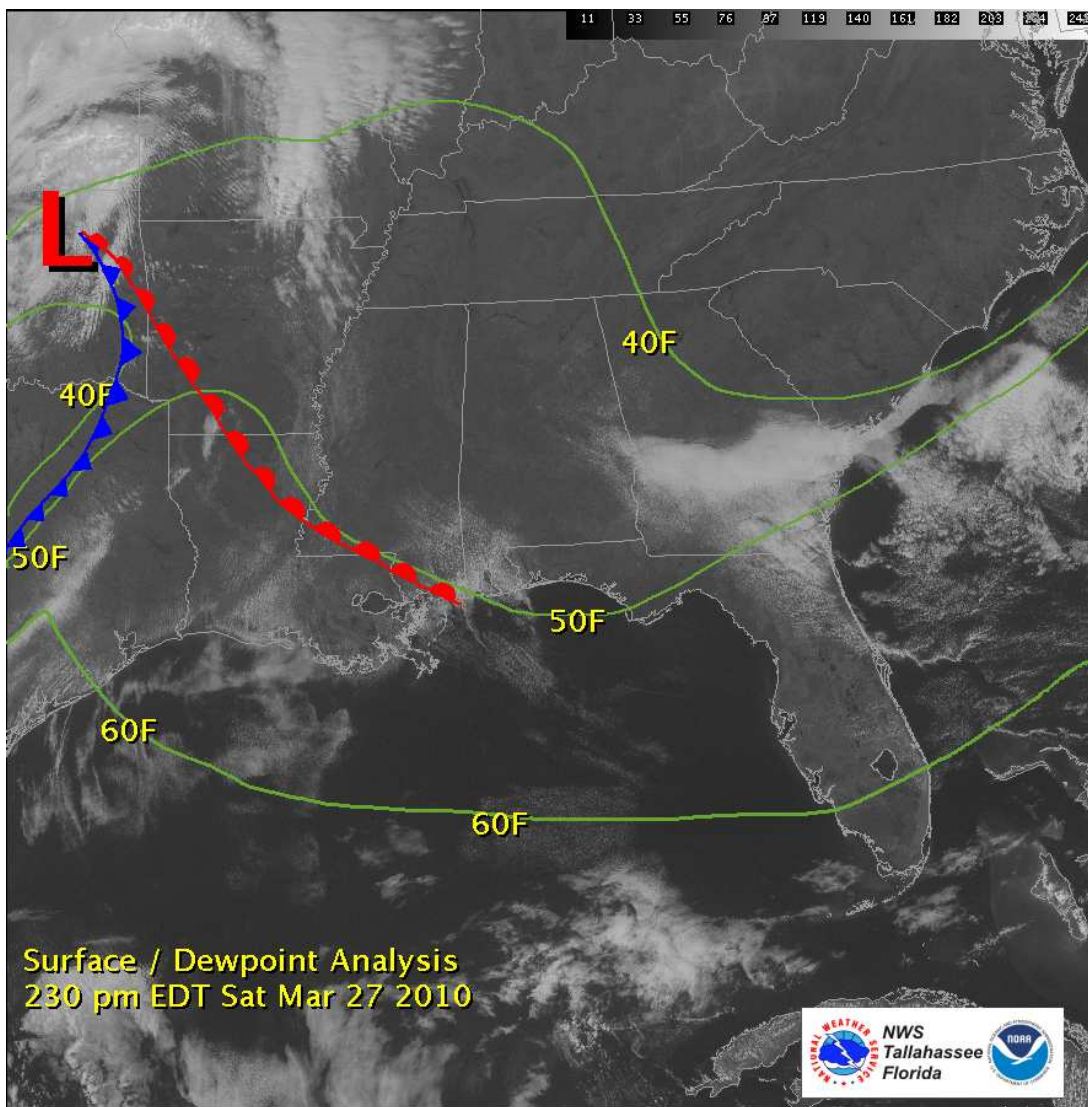


## National Weather Service Tallahassee, Florida



In this update:

- Isolated Strong to Severe Storms Possible on Sunday

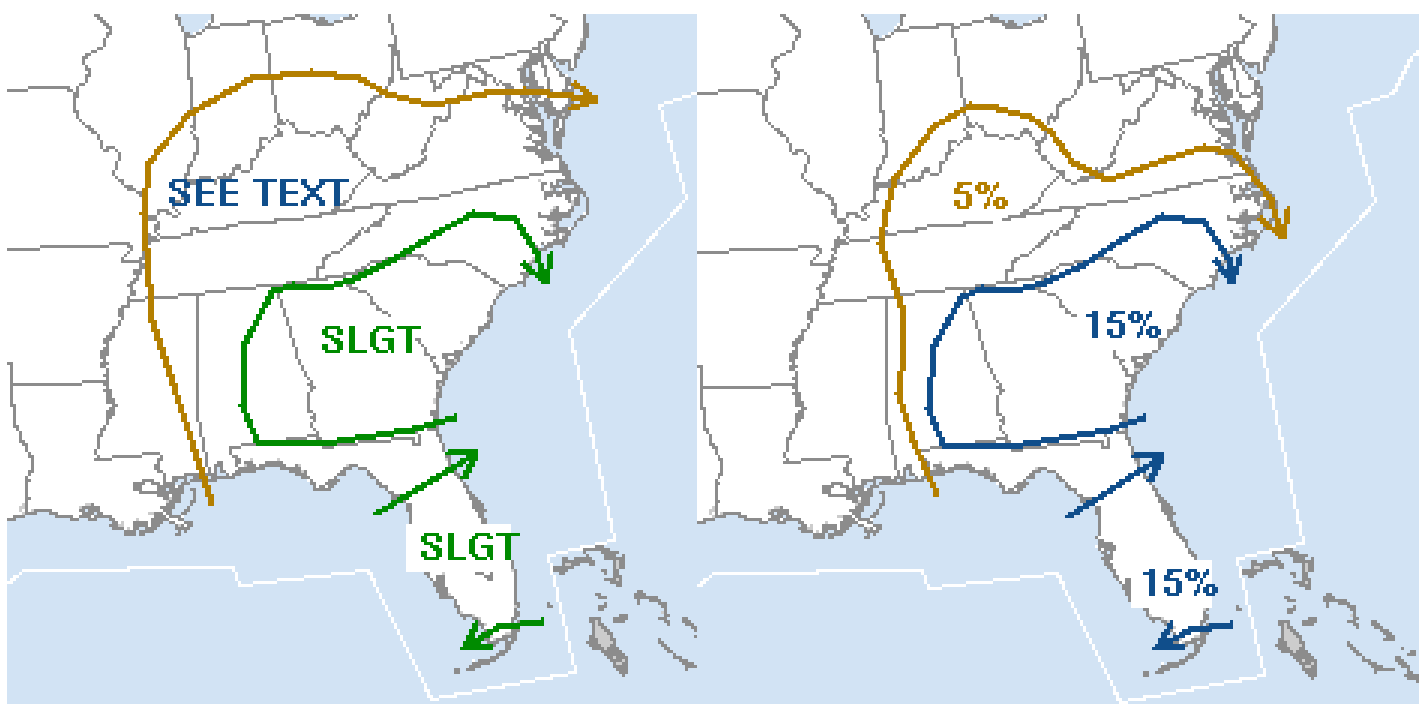


A storm system is continuing to take shape this Saturday afternoon across Eastern Texas and Oklahoma. As this storm system moves to the east, slightly more moist air will begin to arrive across the Southeast. As shown in the map at left, dewpoints across the Southeast are not especially high, with the more moist airmass confined across the Central Gulf (60 F dewpoints). Over time, this more moist airmass will make a return to the region, but how quickly this occurs will greatly

impact our severe weather potential on Sunday. As has been the case throughout much of the winter and early spring season, wind shear is more than sufficient for severe storms, but with this system, moisture and instability are limited.

## Severe Weather Potential:

Because wind shear values are very strong ahead of this approaching system, the Storm Prediction Center has placed much of our forecast area in a slight risk for severe weather on Sunday. Since our region will be on the southern portion of this storm system, enough breaks in the cloud cover may occur Sunday allowing for some heating to create the necessary instability to combine with the wind shear to produce severe thunderstorms. You'll notice in the image below that much of North Florida is not included in the slight risk area. This is because the cooler waters of the Gulf of Mexico near the Northern Florida coast have a stabilizing effect on the development of storms, primarily south of Interstate 10.



Sunday's Convective Outlook

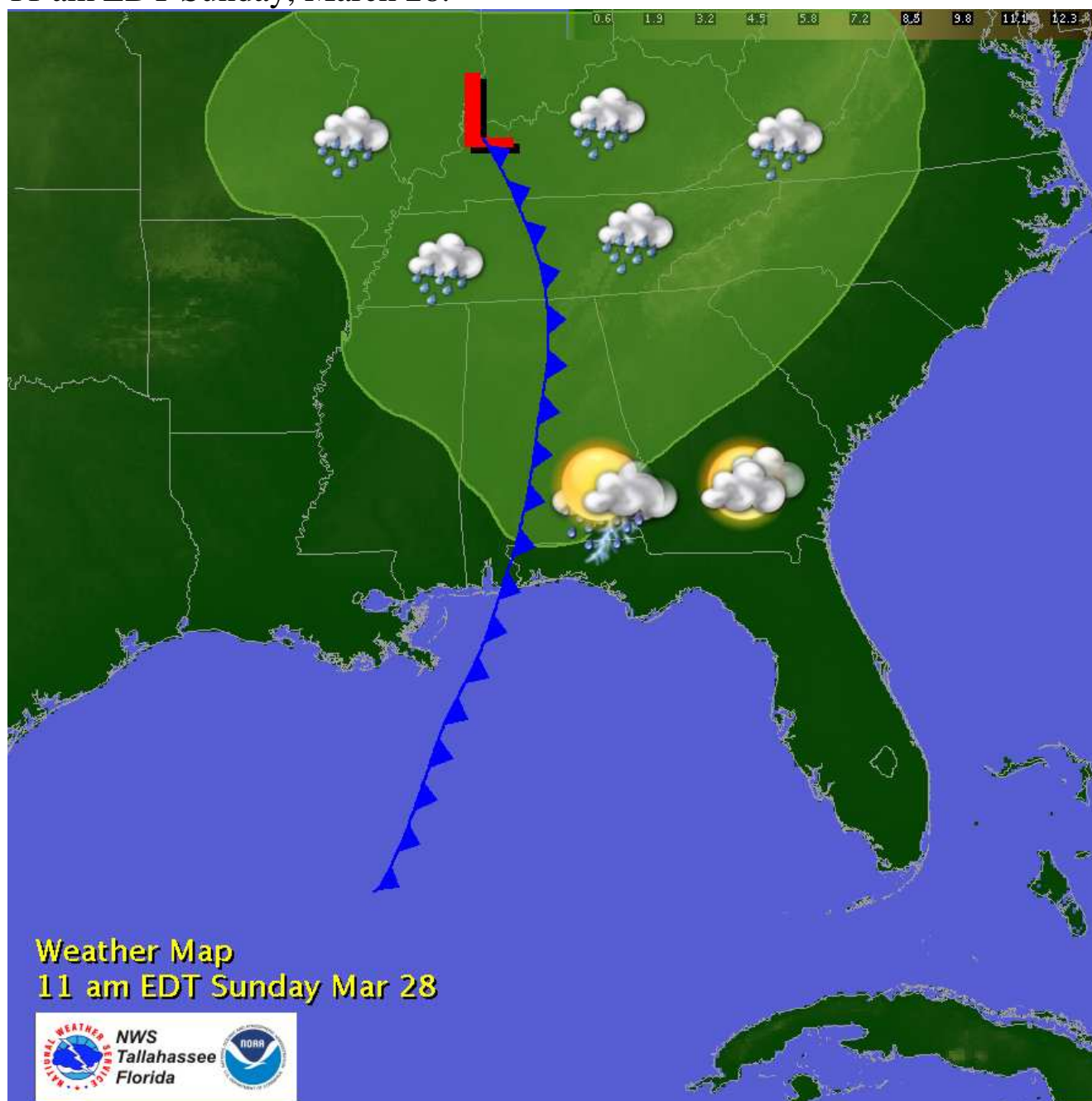
Probability of Severe Weather

## Primary Severe Threats:

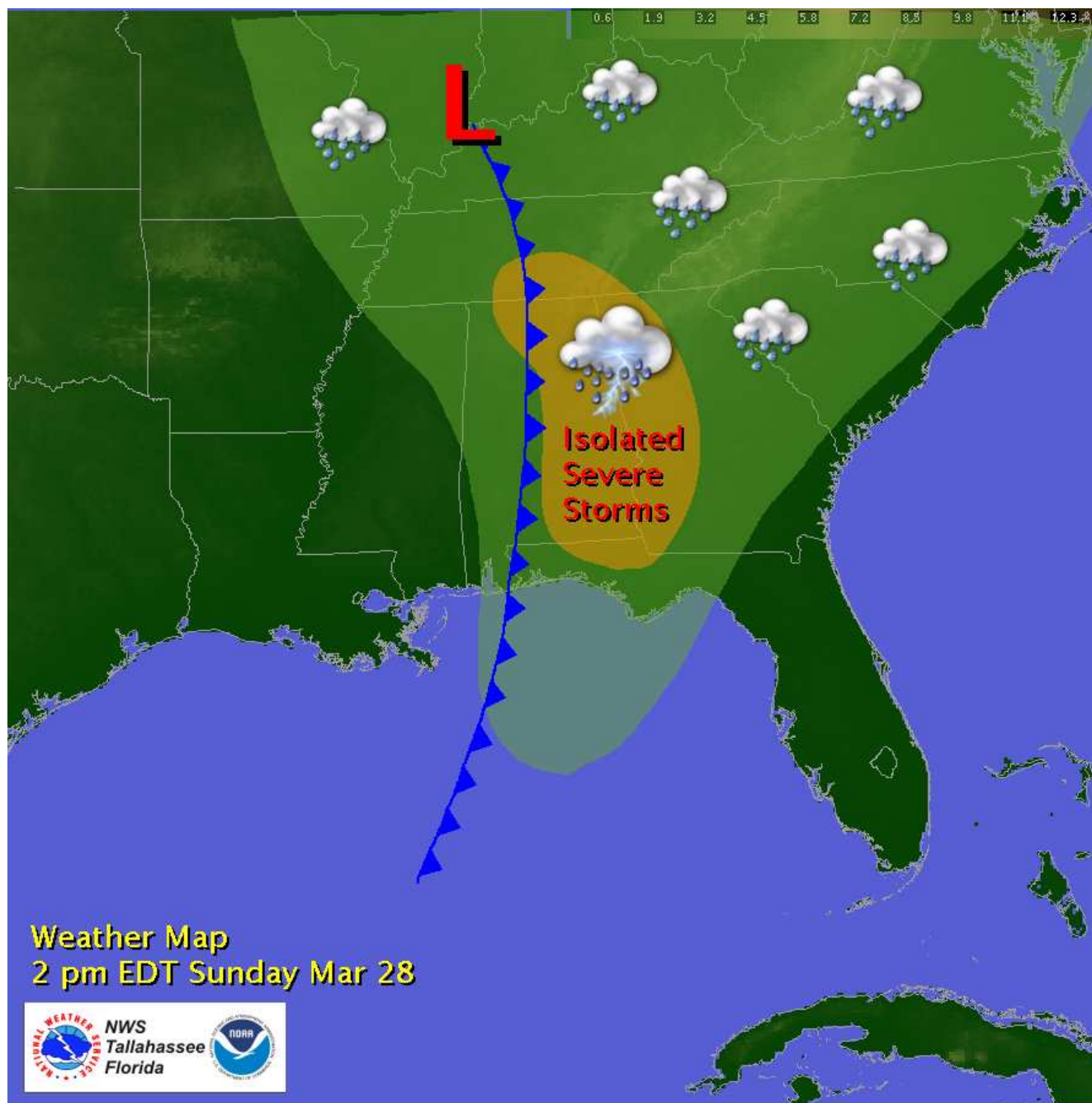
Due to limited moisture, the storms are expected to be more isolated Sunday afternoon. Even though the storms will likely not organize into a squall line, individual storms will still be capable of producing damaging wind gusts up to 60 mph and large hail in excess of quarter size. Some of our locally run models indicate that the potential for severe weather is increased across the northern half of our forecast area, primarily along and north of a line from Dothan to Camilla to Adel.

Severe Weather Timing:

11 am EDT Sunday, March 28:

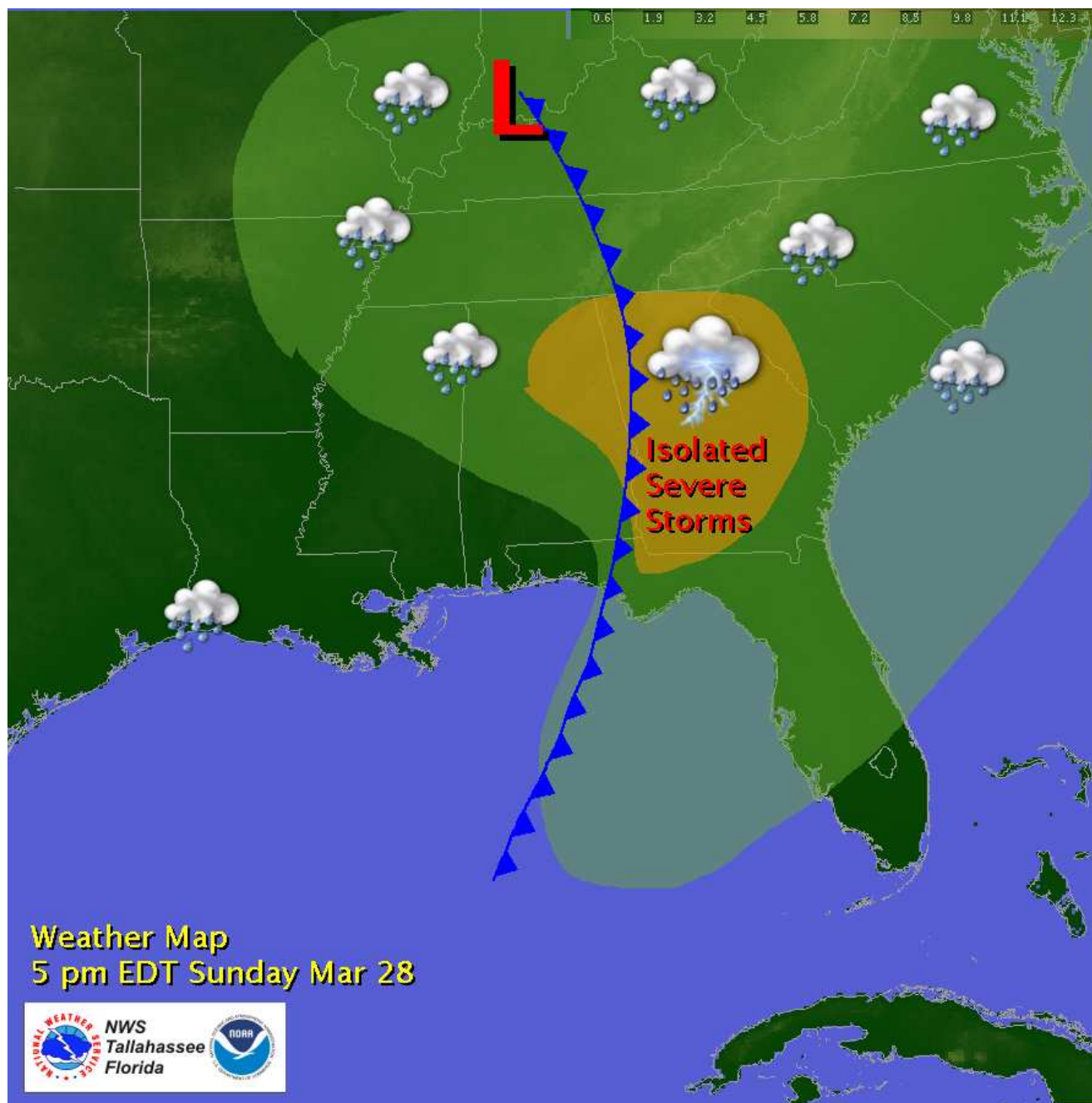


2 pm EDT, Sunday, March 28

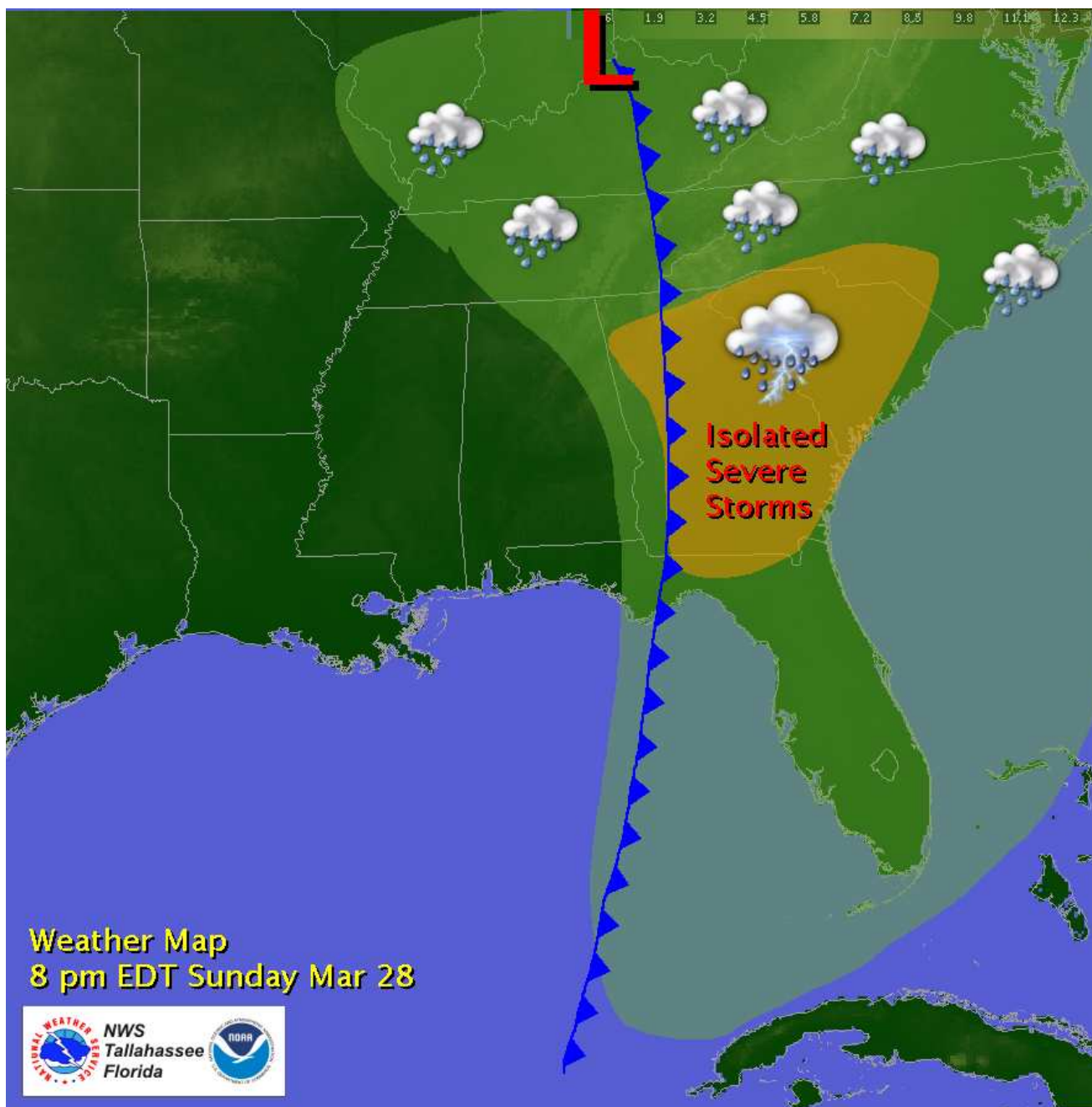




5 pm EDT, Sunday March 28



8 pm EDT, Sunday, March 28



Summary:

\*\* Strong to severe storms are possible on Sunday across most of the region, especially in Southeast Alabama and Southwest and South Central Georgia.

\*\* The main threats with these storms will be damaging winds and large hail. Isolated tornadoes cannot be ruled out, but the tornado potential appears to be very low.

\*\* Storms are expected to be most active between 2 pm EDT and 8 pm EDT. Storm intensity is expected to decrease after sunset.

The National Weather Service in Tallahassee will continue to monitor this storm's progress over the next couple of days. If you have any questions, please give our office a call at 850-942-8833 or on our toll free line at 800-598-4562 and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our Southern Linc phone at 1\*77\*284.